

MANUFACTURE OF LIQUID CRYSTAL DISPLAY DEVICE

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Abstract

PROBLEM TO BE SOLVED: To manufacture a liquid crystal display device improved in cell gap precision and sealability for liquid crystal.
SOLUTION: Inside and outside seal lines 3 and 4 are formed of an ultraviolet-ray setting or thermosetting sealant on glass substrates 1 and 2 after the side of the inner peripheral seal line 3 which is in contact with a liquid crystal material 5 is partially hardened, the liquid crystal 5 is dripped; and spacers 7 are scattered, 1st and 2nd glass substrates 1 and 2 are pressed against each other, and the seal lines 3 and 4 are hardened to join the substrates 1 and 2 together. Even when a spacer 7 is put on the inner peripheral seal line 3, the majority is not hardened, so it is taken in the sealant when processed to exert no influence on the thickness of the seal line, so that the liquid crystal display device high in precision can be assembled.

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